AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. (Previously Presented) A computer readable medium having a data structure for managing reproduction of data recorded on the computer readable medium, comprising:

a data area storing at least first and second clip stream files, the first clip stream file including video data representing at least one still image, the second clip stream file including audio data; and

a playlist area storing a playlist file, the playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first clip stream file to reproduce the at least one still image and providing display mode, the display mode indicating to display the at least one still image for a finite period of time if the at least one still image is to be displayed for a finite period of time, the display mode indicating to display the at least one still image for an infinite period of time if the at least one still image is to be displayed for an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second clip stream file to reproduce the audio data,

wherein the at least one playitem further includes the duration information indicating a length of time to display the at least one still image when the display mode indicates to display the at least one still image for a finite period of time, and

wherein the playlist file further includes type information and repeat information, the type information identifying whether reproduction being indicated by the at least one playitem is synchronized with reproduction being indicated by the at least one sub-playitem, and the repeat information identifying whether to repeat the reproduction indicated by the at least one sub-playitem.

2. (Previously Presented) The computer readable medium of claim 1, wherein the at least one sub-playitem includes indicator indicating the at least one playitem related to the at least one sub-playitem such that the audio data is played in association with the at least one still image.

3-4. (Canceled)

5. (Previously Presented) The computer readable medium of claim 1, wherein the first clip stream file includes video data representing more than one still image; and

the at least one playitem indicates to reproduce a number of the still images.

6. (Previously Presented) A method of recording a data structure for managing reproduction of data recorded on a recording medium, comprising:

recording at least first and second clip stream files on the recording medium, the first clip stream file including video data representing at least one still image, the second clip stream file including audio data; and

recording a playlist file on the recording medium, the playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first clip stream file to reproduce the at least one still

image and providing display mode, the display mode indicating to display the at least one still image for a finite period of time if the at least one still image is to be displayed for a finite period of time, the display mode indicating to display the at least one still image for an infinite period of time if the at least one still image is to be displayed for an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second clip stream file to reproduce the audio data,

wherein the at least one playitem further includes the duration information indicating a length of time to display the at least one still image when the display mode indicates to display the at least one still image for a finite period of time, and

wherein the playlist file further includes type information and repeat information, the type information identifying whether reproduction being indicated by the at least one playitem is synchronized with reproduction being indicated by the at least one sub-playitem, and the repeat information identifying whether to repeat the reproduction indicated by the at least one sub-playitem.

7. (Previously Presented) A method of reproducing a data structure for managing reproduction of data recorded on a recording medium, comprising:

reproducing at least first and second clip stream files from the recording medium, the first clip stream file including video data representing at least one still image, the second clip stream file including audio data; and

reproducing a playlist file from the recording medium, the playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first clip stream file to reproduce the at least one still image and providing display mode, the display mode indicating to display the at least one still image for a finite period of time if the at least one still image is to be displayed for a finite period of time, the display mode indicating to

display the at least one still image for an infinite period of time if the at least one still image is to be displayed for an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second clip stream file to reproduce the audio data,

wherein the at least one playitem further includes the duration information indicating a length of time to display the at least one still image when the display mode indicates to display the at least one still image for a finite period of time, and

wherein the playlist file further includes type information and repeat information, the type information identifying whether reproduction being indicated by the at least one playitem is synchronized with reproduction being indicated by the at least one sub-playitem, and the repeat information identifying whether to repeat the reproduction indicated by the at least one sub-playitem.

8. (Previously Presented) An apparatus for recording a data structure for managing reproduction of data recorded on a recording medium, comprising:

a pick up configured to record data on the recording medium; and

a controller configured to control the pick up to record at least first and second clip stream files and a playlist file on the recording medium, the first clip stream file including video data representing at least one still image, the second clip stream file including audio data, the playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first clip stream file to reproduce the at least one still image and providing display mode indicating to display the at least one still image for a finite period of time if the at least one still image is to be displayed for a finite period of time, the display mode indicating to display the at least one still image for an infinite period of time if the at least one still image is to be displayed for an infinite period of time, the at least one sub-

playitem indicating an in-point and out-point of the second clip stream file to reproduce the audio data,

wherein the at least one playitem further includes the duration information indicating a length of time to display the at least one still image when the display mode indicates to display the at least one still image for a finite period of time, and

wherein the playlist file further includes type information and repeat information, the type information identifying whether reproduction being indicated by the at least one playitem is synchronized with reproduction being indicated by the at least one sub-playitem, and the repeat information identifying whether to repeat the reproduction indicated by the at least one sub-playitem.

9. (Previously Presented) An apparatus for reproducing a data structure for managing reproduction of data recorded on a recording medium, comprising:

a pick up configured to reproduce data recorded on the recording medium; and

a controller configured to control the pick up to reproduce at least first and second clip stream files and a playlist file from the recording medium, the first clip stream file including video data representing at least one still image, the second clip stream file including audio data, the playlist file including at least one playitem and at least one sub-playitem, the at least one playitem indicating an in-point and out-point of the first clip stream file to reproduce the at least one still image and providing display mode, the display mode indicating to display the at least one still image for a finite period of time if the at least one still image is to be displayed for a finite period of time, the display mode indicating to display the at least one still image for an infinite period of time if the at least one still image is to be displayed for an infinite period of time, the at least one sub-playitem indicating an in-point and out-point of the second clip stream file to reproduce the audio data,

wherein the at least one playitem further includes the duration information indicating a length of time to display the at least one still image when the display mode indicates to display the at least one still image for a finite period of time, and

wherein the playlist file further includes type information and repeat information, the type information identifying whether reproduction being indicated by the at least one playitem is synchronized with reproduction being indicated by the at least one sub-playitem, and the repeat information identifying whether to repeat the reproduction indicated by the at least one sub-playitem.

10. (Previously Presented) The method of claim 6, wherein the at least one sub-playitem includes indicator indicating the at least one playitem related to the at least one sub-playitem such that the audio data is played in association with the at least one still image.

11-12. (Canceled)

13. (Previously Presented) The method of claim 6, wherein the first clip stream file includes video data representing more than one still image; and

the at least one playitem indicates to reproduce a number of the still images.

14. (Previously Presented) The method of claim 7, wherein the at least one sub-playitem includes indicator indicating the at least one playitem related to the at least one sub-playitem such that the audio data is played in association with the at least one still image.

15-16. (Canceled)

17. (Previously Presented) The method of claim 7, wherein the first clip stream file includes video data representing more than one still image; and

the at least one playitem indicates to reproduce a number of the still images.

18. (Previously Presented) The apparatus of claim 8, wherein the at least one sub-playitem includes indicator indicating the at least one playitem related to the at least one sub-playitem such that the audio data is played in association with the at least one still image.

19-20. (Canceled)

21. (Previously Presented) The apparatus of claim 8, wherein the first clip stream file includes video data representing more than one still image; and

the at least one playitem indicates to reproduce a number of the still images.

22. (Previously Presented) The apparatus of claim 9, wherein the at least one sub-playitem includes indicator indicating the at least one playitem related to the at least one sub-playitem such that the audio data is played in association with the at least one still image.

23-24. (Canceled)

25. (Previously Presented) The apparatus of claim 9, wherein the first clip stream file includes video data representing more than one still image; and

the at least one playitem indicates to reproduce a number of the still images.

26. (Previously Presented) The medium of claim 1, further comprising:

a clip information area storing first and second clip information files, the first clip information file being associated with the first clip stream file, the first clip information file including first mapping information between a presentation time and a unit of the first clip stream file, the second clip information file being associated with the second clip stream file, the second clip information file including second mapping information between a presentation time and a unit of the second clip stream file for the second clip stream file.

27. (Previously Presented) The method of claim 6, further comprising:

recording first and second clip information files in a clip information area on the recording medium, the first clip information file being associated with the first clip stream file, the first clip information file including first mapping information between a presentation time and a unit of the first clip stream file, the second clip information file being associated with the second clip stream file, the second clip information file including second mapping information between a presentation time and a unit of the second clip stream file for the second clip stream file.

28. (Previously Presented) The method of claim 7, further comprising:

reproducing first and second clip information files a clip information area from the recording medium, the first clip information file being associated with the first clip stream file, the first clip information file including first mapping information between a presentation time and a unit of the first clip stream file, the second clip information file being associated with the second clip stream file, the second clip information file

including second mapping information between a presentation time and a unit of the second clip stream file for the second clip stream file.

29. (Previously Presented) The apparatus of claim 8, wherein the controller is configured to control the optical reproducing device to record first and second clip information files in a clip information area on the recording medium, the first clip information file being associated with the first clip stream file, the first clip information file including first mapping information between a presentation time and a unit of the first clip stream file, the second clip information file being associated with the second clip stream file, the second clip information file including second mapping information between a presentation time and a unit of the second clip stream file for the second clip stream file.

30. (Previously Presented) The apparatus of claim 9, wherein the controller is configured to control the optical reproducing device to reproduce first and second clip information files in a clip information area on the recording medium, the first clip information file being associated with the first clip stream file, the first clip information file including first mapping information between a presentation time and a unit of the first clip stream file, the second clip information file being associated with the second clip stream file, the second clip information file including second mapping information between a presentation time and a unit of the second clip stream file for the second clip stream file.

31. (Previously Presented) The method of claim 7, wherein the recording medium is a read-only recording medium.

32. (Previously Presented) The method of claim 7, wherein the recording medium is a recordable recording medium.

33. (Previously Presented) The apparatus of claim 9, wherein the recording medium is a read-only recording medium.

34. (Previously Presented) The apparatus of claim 9, the recording medium is a recordable recording medium.

*** END CLAIM LISTING ***